

Appendix E

BALLISTIC RESISTANT PROTECTIVE MATERIAL RATINGS

- Type I Protects against standard test rounds for 22 LR and 38 Special. Also provides protection against lesser threats such as 12 gauge No. 4 lead shot and most handgun rounds in calibers 25 and 32.
- Type II-A Protects against standard test rounds for lower velocity 357 Magnum and 9 mm. Also provides protection against lesser threats such as 12 gauge 00 buckshot, 45 Auto., 38 Special \pm P and some other factory loads in caliber 357 Magnum and 9 mm, as well as Level I threats.
- Type II Protects against standard test rounds for higher velocity 357 Magnum and 9 mm. Also provides protection against most other factory loads in caliber 357 Magnum and 9 mm, as well as Level I threats.
- Type III-A Protects against standard test rounds for 44 Magnum and Submachine Gun 9 mm. Also provides protection against most handgun threats, as well as Level I, II-A, and II threats.
- Type III Protects against standard test round for high-powered rifle. Also provides protection against most lesser threats such as 223 Remington (5.56 mm FMJ), 30 Carbine FMJ, and 12 gauge rifle slug, as well as Level I, II-A, II, and III-A threats.
- Type IV Protects against standard test round for armor-piercing rifle. Also provides at least single hit protection against Level I, II-A, II, III-A, and III threats.

Abbreviations:
LR - Long Rifle
FMJ - Full Metal Jacketed

UNDERWRITERS LABORATORIES INC.

Ratings of Bullet-Resistant Materials With cross reference to NIJ standards

<u>Rating</u>	<u>Ammunition</u>
Level 1	9mm FMJ - higher velocity handgun. (Equivalent round to NIJ level II)
Level 2	.357 JSP- lower velocity handgun. (Equivalent round to NIJ level II-A)
Level 3	.44 Magnum SWC. (Equivalent round to NIJ III-A)
Level 4	.30 Caliber Rifle SP. (No NIJ equivalent round size and velocity between NIJ III and IV, but this bullet is soft lead NIJ is FMJ.)
Level 5	7.62mm FMJ (.308 Winchester) (Equivalent round NIJ III, ONE hit only NIJ requires 5 hit protection)
Level 6	9mm FMJ (Equivalent and protection to round NIJ III-A)
Level 7	5.56mm Rifle FMJ (.223 Cal) (No NIJ equivalent round, slightly higher velocity but less half of the mass of NIJ III)
Level 8	7.62mm FMJ (.308 Winchester) (Equivalent round and protection to NIJ III)

Abbreviations:

FMJ - Full Metal Jacket
JSP - Jacketed Soft Point
SP - Soft Point lead core
SWC- Semi Wad Cutter